

LED STRIPE DMX CONTROLLER

USER MANUAL



Main description:

Working temperature: -20 – 60°C

Supply voltage: DC12V – 24V

Output: Four-CMOS open-drain output

Connection mode: common anode

External dimension: L148xW65xH39mm

Function:

1. Each DMX common controller occupied 4 DMX addresses, adopt coding switch set address, it is a Binary numerical code switch is setting DMX original address code from 1 to 9, is the lowest, and 9 is the highest, 511 address codes could be setted in all. DMX original address code equal aggregate value of the coding switch value from 1 to 9, dial the coding switch downwards (ON is setted 1), the value of bit can be gotten, on the contrary, the value of bit is 0. For example: if you want to set 37 as the address code, you can only dial down the first, the third and the sixth code switch, the aggregate value of coding switch value from 1 to 9 is 1+4+32, that is, the original address code of DMX512 is 37.
2. DMX signal can be received when coding switch FUN(10)=OFF(ON is setted 0).
3. When coding switch that FUN(10) is ON, its function is as follows:

| Coding switch | Function |
|-------------------|--|
| Switch 1-9 is off | black |
| Switch 1=ON | Red |
| Switch 2=ON | Green |
| Switch 3=ON | Blue |
| Switch 4=ON | Yellow |
| Switch 5=ON | Purple |
| Switch 6=ON | Cyan |
| Switch 7=ON | White |
| Switch 8=ON | Seven-color jumpy changing (8 steps speed) |
| Switch 9=ON | Seven-color gradual changing (8 steps speed) |

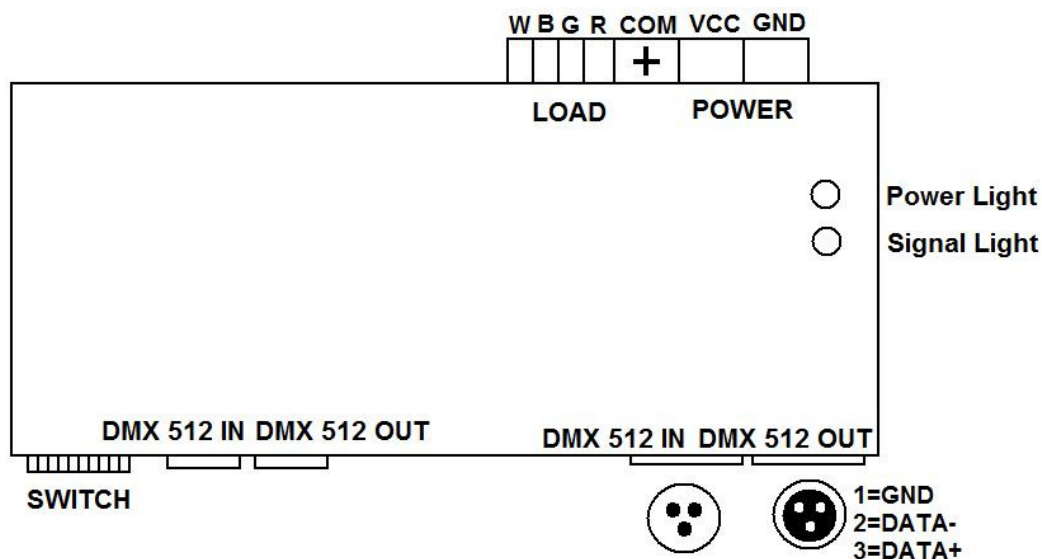
4. If coding switch is 8 or 9, from 1 to 7 is the choice for speed, there are 8 steps in all, the description is as follows:

| Coding switch | Function |
|-------------------|----------|
| Switch 1-9 is off | 0 steps |
| Switch 1=ON | 1 steps |
| Switch 2=ON | 2 steps |
| Switch 3=ON | 3 steps |
| Switch 4=ON | 4 steps |

| | |
|-------------|---------|
| Switch 5=ON | 5 steps |
| Switch 6=ON | 6 steps |
| Switch 7=ON | 7 steps |

5. There are several switches is ON at the same time, the great value is standard.

Interface diagram:



Attentions:

1. Supply voltage of this product is DC12V – 24V. Other high voltage would most probably destroy it.
2. Lead wire should be connected correctly according to colors that connect drawing offers.
3. Warranty of this product is one year, in this period we guarantee replacement or repairing with no charge, but exclude the artificial damage or overload working.